

L Number	Hits	Search Text	DB	Time stamp
1	8	kielin.xa. and plasma and ceramic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:12
8	10	("4400409" "4515107" "4694264" "4841098" "5325021" "5399254" "5846883" "5968379" "6081414" "6124834").PN.	USPAT	2003/07/28 16:03
9	41279	heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:41
16	59911	heat near2 exchang\$3 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:41
23	90249	(heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:15
30	258786	coolant or (cooling near2 (fluid medium liquid gas vapor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:18
37	320782	((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:18
44	13601	(adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:43
51	29973	(adjust\$4 control\$4) near5 temperature near10 (energy power)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:35
58	1357	((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:35
65	581	((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and (chuck susceptor support holder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:36
72	3669	(adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 17:59

79	5319	thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:42
86	975	thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:42
93	324953	((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:42
100	3675	(adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:44
107	13660	(adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:45
114	4628	(thermocouple or (temperature near2 sens\$3)) near10 (chuck susceptor support holder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 17:54
121	4819	(thermocouple or (temperature near2 sens\$3)) near10 (pedestal chuck susceptor support holder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:47
128	3	((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and "104" and ((adjust\$4 control\$4) near5 temperature near10 (energy power))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:48
135	186	((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 16:49

142	11	(((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and ((thermocouple or (temperature near2 sens\$3)) near10 (pedestal chuck susceptor support holder)) 6084763.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 17:57
149	3		USPAT	2003/07/28 17:01
150	7	("5548470" "5681424" "5684669" "5708556" "5916689" "5942075" "5997962").PN.	USPAT	2003/07/28 17:05
151	5715	(thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 18:37
158	11	(((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and ((thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 17:57
165	26149	(adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 18:29
172	106175	(adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 18:35

179	7753	((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 18:35
186	65	((thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal)) and (((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 18:37
193	46	((thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal)) and (((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/28 18:38
200	9	5435379.URPN.	USPAT	2003/07/28 18:47